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**IN THE UNITED STATES PATENT AND  
TRADEMARK OFFICE**

In re the Application of: : I hereby certify that this correspondence is  
Robert A. Lieberman and Claudio O. Egalon : being deposited with the United States  
Title: Distributed Optical Fiber Sensor With : Postal Service as first class mail addressed to  
Controlled Response : MS Amendment, Commissioner for  
Serial No. 10/717,080 : Patents, P.O. Box 1450, Alexandria, VA  
: 22313-1450 on November 5, 2004

*L. S. Cohen*

Lawrence S. Cohen

**RESPONSE TO OFFICE ACTION DATED 08/05/2004**

Claims 1-8 and 17-27 are pending.

**REGARDING THE DRAWINGS**

In the Office Action the Examiner required amendment of Fig 1 on the basis that the reference character "d1" was not mentioned in the description. Fig 1 has been revised to cure the problem indicated by the Examiner as well as to indicate the output of the fiber. In particular, referring to page 4, line 12 an input "(di)" and an output "(do)" is defined. Fig 1 erroneously indicated the input as "d1" and omitted "do". Fig 1 has been changed to fix these problems and is now submitted as a Replacement Page as required by the Examiner.

**REGARDING THE SPECIFICATION**

A marked up version of specification changes is submitted showing changes to the drawing descriptions and changes to the opening paragraph of page 4 and changes to the sentence starting on line 15 of page 7 of the specification as follows.